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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Mattheakis et al.

Attorney Docket No.: CYTOP135X1

Application No.: 10/719,988

Examiner: UNASSIGNED

Filed: November 20, 2003

Group: 1645

Title: PREDICTING HEPATOTOXICITY USING  
CELL BASED ASSAYS

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on April 15, 2005 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

*Joyce L. Ferreira*  
Joyce L. Ferreira

**INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. CYTOP0135X1).

Respectfully submitted,  
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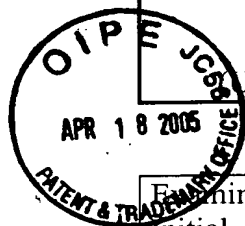
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| <b>Form 1449 (Modified)</b><br><br><b>Information Disclosure<br/>Statement By Applicant</b><br><br>(Use Several Sheets if Necessary) | Atty Docket No.   | Application No.: |
|  | CYTOP135X1        | 10/719,988       |
|  | Applicant:        |                  |
|  | Mattheakis et al. |                  |
|  | Filing Date       | Group            |
|  | November 20, 2003 | 1645             |

**Other Documents**

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication   |
|------------------|-----|--|
|                  | 1B  | R. Pepperkok et al., "System for quantitation of gene expression in single cells by computerized microimaging: Application to <i>c-fos</i> expression after microinjection of anti-casein kinase II antibody", Experimental Cell Research 204:278-285, 1993        |
|                  | 2B  | F. Hanakam, "Myristoylated and non-myristoylated forms of the pH sensor protein hisactophilin II: intracellular shuttling to plasma membrane and nucleus monitored in real time by a fusion with green fluorescent protein", The EMBO Journal 15(12):2935-43, 1996 |
|                  | 3B  | N.B. Cole, "Golgi Dispersal during microtubule disruption: Regeneration of Golgi stacks at Peripheral Endoplasmic Reticulum Exit sites," Molecular Biology of the Cell, Vol. 7, 631-650, 1996  |
|                  | 4B  | B.M. Machiels Subcellular localization of proteasomes in apoptotic lung tumor cells and persistence as compared to intermediate filaments" European Journal of Cell Biology 70:250-259, 1996   |
|                  | 5B  | N. Yasuhara et al., "Essential Role of active nuclear transport in apoptosis" Genes to Cells 2:55-64, January 1997   |
|                  | 6B  | BioDx, Inc., Internet archive, way back machine May 21, 1997<br>From website <a href="http://www.biodx.com">www.biodx.com</a>  |
|                  | 7B  | M.V. Rogers, "Light on high -throughput screening: fluorescence-based assay technologies", Drug Discovery Today, Vol. 2, No. 4, 156-160 April 1997   |
|                  | 8B  | W. Böcker et al., "Image Processing algorithms for the automated micronucleus assay in binucleated human lymphocytes", Cytometry 19:283-294 (1995)   |
|                  | 9B  | Lansing D. Taylor, U.S. Provisional application No. 60/018,696, filed May 30, 1996   |
| Examiner         |     | Date Considered  |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|  |                                  |                                |
|--|----------------------------------|--------------------------------|
| <b>Form 1449 (Modified)</b>                              | Atty Docket No.<br>CYTOP135X1    | Application No.:<br>10/719,988 |
| <b>Information Disclosure<br/>Statement By Applicant</b> | Applicant:<br>Mattheakis et al.  |                                |
| Use Several Sheets if Necessary)                         | Filing Date<br>November 20, 2003 | Group<br>1645                  |



### Other Documents

| Examiner<br>Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication  |
|---------------------|-----|---|
|                     | 1A  | D.L. Taylor, "The new vision of light microscopy", American Scientist 80:322-335, 1992  |
|                     | 2A  | K. A. Giuliano et al., "Measurement and manipulation of cytoskeletal dynamics in living cells", Current Opinion in Cell Biology 7:4-12, 1995  |
|                     | 3A  | BioDx, Internet Archive Way-Back Machine, February 4, 1997<br>From website <a href="http://www.biodx.com">www.biodx.com</a>   |
|                     | 4A  | A. Waggoner et al., "Multiparameter Fluorescence imaging microscopy: reagents and instruments" Human Pathology, Vol. 27, No. 5, 494-502, 1996   |
|                     | 5A  | Benveniste et al., "Characterization of Internalization and endosome formation of epidermal growth factor in transfected NIH-3T3 cells by computerized image-intensified three-dimensional fluorescence microscopy", The Journal of Cell Biology 109: 2105-2115, 1989 |
|                     | 6A  | K.L. Carey et al., "Evidence using a green fluorescent protein-glucocorticoid receptor chimera that the RAN/TC4 GTPase mediates an essential function independent of nuclear protein import", The Journal of Cell Biology, Vol. 133, No. 5, 985-996, 1996             |
|                     | 7A  | J. Kolega et al., "Quantitation of cytoskeletal fibers in fluorescence images: stress fiber disassembly accompanies dephosphorylation of the regulatory light chains of myosin II", Bioimaging 1:136-150, 1993  |
|                     | 8A  | D.L Farkas et al., "Multimode light microscopy and the dynamics of molecules, cells, and tissues", Annu. Rev. Physiol. 55:785-817, 1993   |
|                     | 9A  | W. Böcker et al., Automated cell cycle analysis with fluorescent microscopy and image analysis", Phys. Med. Biol. 41:523-537, 1996  |
| Examiner            |     | Date Considered   |

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